



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2183

SERIAL NUMBER 10/796,236	FILING DATE 03/08/2004 RULE	CLASS 356	GROUP ART UNIT 2877	ATTORNEY DOCKET NO. PEN-106/US
-----------------------------	---------------------------------------	--------------	------------------------	-----------------------------------

APPLICANTS

Guanghua G. Zhang, San Jose, CA;

Dale H. Buermann, Los Altos, CA;

Michael J. Mandella, Palo Alto, CA; Hector H. Gonzalez-Banos, Mountain View, CA;

Stewart R. Carl, Palo Alto, CA;

** CONTINUING DATA ***** I.A.
 None

** FOREIGN APPLICATIONS ***** I.A.
 None

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** SMALL ENTITY **

** 05/28/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 12	TOTAL CLAIMS 37	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <u>[Signature]</u> Initials <u>I.A.</u>				

ADDRESS

Lumen Intellectual Property Services, Inc.

2345 Yale Street, 2nd floor

Palo Alto, CA

94306

TITLE

Apparatus and method for determining orientation parameters of an elongate object

FILING FEE RECEIVED 581	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---